

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	488	(via or trench or hole or aperture or open\$4) and ((carbon or polymer) with carbide) and barrier and copper and @ad<="20021223" and semiconductor	USPAT	OR	ON	2005/08/02 14:26
L3	2305	(257/774).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/02 09:18
L4	5	((("6221738") or ("6013563") or ("5013681") or ("5344524") or ("4142925"))).PN.	USPAT; USOCR	OR	OFF	2005/08/02 09:34
L5	1623	semiconductor and (barrier) and damascene and carbon and copper and @ad<="20021223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 14:25
L6	725	(via or trench or hole or aperture or open\$4) and ((carbon or polymer) with carbide) and barrier and copper and @ad<="20021223" and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 14:26
L7	328	"438"/\$.ccls. and (via or trench or hole or aperture or open\$4) and ((carbon or polymer) with carbide) and barrier and copper and @ad<="20021223" and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 14:26
L8	412	"257"/\$.ccls. and (via or trench or hole or aperture or open\$4) and ((carbon or polymer) with carbide) and barrier and copper and @ad<="20021223" and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 14:48
L9	536365	(via or trench or hole or aperture or opening) and (copper or ("Cu"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 14:30

L10	8325	9 and ((carbon or polymer) with carbide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 14:30
L11	2137	10 and barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 14:30
L12	1193	11 and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 14:31
L13	803	12 and @ad<="20021223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 14:35
L14	1193	I9 and I10 and I11 and I12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 14:35
L15	803	I9 and I10 and I11 and I12 and I13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 14:36
L16	9	"257"/774.ccls. and (via or trench or hole or aperture or open\$4) and ((carbon or polymer) with carbide) and barrier and copper and @ad<="20021223" and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 14:49
S20	2	((("6500742") or ("6153519")).PN.	USPAT; USOCR	OR	OFF	2005/08/02 08:41
S21	9	((etch adj stop) same (barrier)) same via same trench same (plasma near treat\$5) same copper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/29 10:52

S22	7	((etch adj stop) same (barrier)) same via same trench same (plasma near treat\$5) same copper) and @ad<="20021223"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/29 10:52
S23	3	((("6100184") or ("6140226") or ("6177364"))).PN.	USPAT; USOCR	OR	OFF	2005/07/29 10:52
S24	35	((etch adj stop) and (barrier)) and via and trench and (plasma near treat\$5) and carbon and copper) and @ad<="20021223" and hydrocarbon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/29 10:53
S25	35	((etch adj stop) and (barrier)) and via and trench and (plasma near treat\$5) and carbon and copper) and @ad<="20021223" and hydrocarbon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 12:35
S26	42	((etch adj stop) and (barrier)) and damascene and (plasma near treat\$5) and carbon and copper) and @ad<="20021223" and hydrocarbon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/29 10:53
S27	2350	(438/637).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/02 09:17
S28	841	(438/638).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/29 10:54
S29	584	(438/639).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/29 10:54
S30	451	(438/640).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/29 10:54
S31	1392	(438/643).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/29 10:54

S32	1	438/637,638,639,640,643.ccls. and (((etch adj stop) same (barrier)) same via same trench same (plasma near treat\$5) same copper) and @ad<="20021223"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/29 10:54
S33	8	438/637,638,639,640,643.ccls. and (((etch adj stop) and (barrier)) and damascene and (plasma near treat\$5) and carbon and copper) and @ad<="20021223" and hydrocarbon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/29 10:54
S34	33	438/637,638,639,640,643.ccls. and (((etch adj stop) same (barrier)) and via and trench and (plasma near treat\$5) and copper) and @ad<="20021223"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/29 10:54
S35	39	"438"/\$.ccls. and (((etch adj stop) and (barrier)) and damascene and (plasma near treat\$5) and carbon and copper) and @ad<="20021223" and hydrocarbon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/29 10:55
S36	35	"257"/\$.ccls. and (((etch adj stop) and (barrier)) and damascene and (plasma near treat\$5) and carbon and copper) and @ad<="20021223" and hydrocarbon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/29 10:56
S37	42	semiconductor and (((etch adj stop) and (barrier)) and damascene and (plasma near treat\$5) and carbon and copper) and @ad<="20021223" and hydrocarbon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 12:34
S38	9	((("20030157267") or ("6245690") or ("6576546") or ("6203850") or ("5468357") or ("5165991") or ("6261469") or ("6576300") or ("6558755")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 10:55
S39	19	((methane or "ch.sub.4") near3 plasma) same (pore\$1 or porous)) and @ad<="20021223"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/29 10:55
S40	2	((("6500742") or ("6153519"))).PN.	USPAT; USOCR	OR	OFF	2005/08/02 09:33

S55	42	semiconductor and (((etch adj stop) and (barrier)) and damascene and (plasma near treat\$5) and carbon and copper) and @ad<="20021223" and hydrocarbon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 14:24
S56	4581	(via or trench or hole or aperture or open\$4) and (carbon or polymer) and barrier and carbide and copper and @ad<="20021223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 12:44
S57	3435	(via or trench or hole or aperture or open\$4) and (carbon or polymer) and barrier and carbide and copper and @ad<="20021223"	USPAT	OR	ON	2005/08/01 12:44
S58	1483	(via or trench or hole or aperture or open\$4) and (carbon or polymer) and barrier and carbide and copper and @ad<="20021223" and semiconductor	USPAT	OR	ON	2005/08/02 07:12
S59	1	("6787453").PN.	USPAT; USOCR	OR	OFF	2005/08/01 13:08